Concept-Author-Title

INDEX

VOLUME 30, NUMBERS 1-6, 1991

A

Acid Fracturing — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

— New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Acoustic Pressure Calculations — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb.90.

Adsorption — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.

Agarwal, R.K. — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June 91.

Aguilera, R. — An Approximate Solution of Linear Flow in Naturally Fractured Reservoirs, by R. Aguilera, Vol. 30, No. 3, P86-90, May-June 91.

Alkaline Flood — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.

Alkalis — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.

Alternate Fuels — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Ambastha, A.K. — A Type-Curve Matching Procedure for Material Balance Analysis of Production Data from Geopressured Gas Reservoirs, by A.K. Ambastha, Vol. 30, No. 5, P61-65, Sept.-Oct. 91.

Analytical Volumetric Models — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Athabasca vs Lloydminster — Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

Aziz, K. — Relative Permeabilities from Centrifuge Data, by A. Firoozabadi and K. Aziz, Vol. 30, No. 5, P33-42, Sept.-Oct. 91.

B

Badry, R.A. — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.

Basic Sediment and Water — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.

Bearfort Sea — Contingency Plans for Beaufort Sea Drilling in the 1990s, by R.L. Geddes, I.M. Fraser and Z.L. Berezuk, Vol. 30, No. 2, P161-164, Mar.-Apr. 91.

Belgrave, J.D.M. — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.

Bennett, F., Jr. — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.

Berezuk, Z.L. — Contingency Plans for Beaufort Sea Drilling in the 1990s, by R.L. Geddes, I.M. Fraser and Z.L. Berezuk, Vol. 30, No. 2, P161-164, Mar.-Apr. 91.

Berndtsson, N.G. — Equipment and Procedures Shortcut Results in Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.

Bishnoi, P.R. — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.

Bitumen — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Blended Surfactants — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.

Burnt Timber Field — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Butler, R.M. — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.

C

Capillary Continuity — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, P61-68, May-June 91.

Carbonates — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.

Caustic Flood — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.

Cement Evaluations — Completion and Evaluation of Cased Horizontal Wells, S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.

Cement Slurry — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.

Centrifuge Data — Relative Permeabilities from Centrifuge Data, by A. Firoozabadi and K. Aziz, Vol. 30, No. 5, P33-42, Sept.-Oct. 91.

Chan, D.H. — A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.

Characterization — Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.

Chhom, K.N. — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.

Chriest, J.R. — Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.

Chromatographic Separation — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.

Chromatographic Theory — Interwell Tracer Test to Determine Residual

Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.
Claridge, E.L. — Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57, July-Aug. 91.
Closed-chamber Testing — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.
Coates, R. — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.
Cold Lake — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.
Collins, D.A. — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, P61-68, May-June 91.
Combustion — Perspective of a Fireflood Process Using Low Air Injection Rates, by P.W. Tsang, Vol. 30, No. 1, P32-43, Jan.-Feb. 91.
Completions — Completion and Evaluation of Cased Horizontal Wells, S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.
Computer Applications — Computer-assisted Operations—A Practical Approach to Networking Field Computers, by G.P. Hiltz, Vol. 30, No. 6, P24-28, Nov.-Dec. 91.
Computer Simulations — Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57, July-Aug. 91.
Coning — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.
Coombe, D.A. — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June 91.
Core Samples — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.
Correlation Structure — Stochastic Modelling of Space Dependent Reservoir-rock Properties, by R. Dimitrakopoulos, Vol. 30, No. 4, P43-51, July-Aug. 91.
Corresponding States Model — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.
Cost Reduction — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Countess B Reservoir — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.
Cyclic Steam Injection — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.
— Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.
Cyclic Steam Stimulation — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.

D

DST Analysis — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.
Dahab, A.S. — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.
Data Processing — Computer-assisted Operations—A Practical Approach to Networking Field Computers, by G.P. Hiltz, Vol. 30, No. 6, P24-28, Nov.-Dec. 91.
Dawe, Bob — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.
Densitometers — Measurement of Steam Quality Using a Neutron Densitometer, by P.T. Wan, Vol. 30, No. 6, P29-33, Nov.-Dec. 91.
Dew Point — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.
Dimitrakopoulos, R. — Stochastic Modelling of Space Dependent Reservoir-rock Properties, by R. Dimitrakopoulos, Vol. 30, No. 4, P43-51, July-Aug. 91.
Dispersion — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.
Dogleg — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.
Dolomites — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Donnelly, J.K. — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.
Drilling Fluids — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.
Drilling Fluids — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.
Drillstem Testing — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.
Dual Porosity — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, P61-68, May-June 91.
Dual-porosity Mixing Cell Model — Interweli Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.
duPlessis, M.P. — Cost Analysis of Current In Situ Bitumen Production — Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Dupuis, R. — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

E

EOR Monitoring — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.
Economic Impact — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Edson — Equipment and Procedures Shortcut Results in Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.
Ejiogu, G.C. — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.
Elasto-plastic Behaviour — Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.
Emissions — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.
Emulsion — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.
Energy Models — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Englezos, P. — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi,Vol. 30, No. 2, P148-155, Mar.-Apr. 91.
Enhanced Oil Recovery — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.
— Optimal Emulsion Design for the Recovery of a Saskatchewan Crude, by M. Fiori and S.M. Farouq Ali, Vol. 30, No. 2, P123-132, Mar.-Apr. 91.
— Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.
— Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.
— Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.
— A Constitutive Model for the Effective Stress-strain Behaviour of Oil

Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.

Environment — Contingency Plans for Beaufort Sea Drilling in the 1990s, by R.L. Geddes, I.M. Fraser and Z.L. Berezuk, Vol. 30, No. 2, P161-164, Mar.-Apr. 91.

Equation of State — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

— Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June 91.

Erno, B.P. — Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.

Error Analysis — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 90.

Etched Channel Conductivity — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

F

Farouq Ali, S.M. — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.

— Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.

— Optimal Emulsion Design for the Recovery of a Saskatchewan Crude, by M. Fiori and S.M. Farouq Ali, Vol. 30, No. 2, P123-132, Mar.-Apr. 91.

Field Monitoring — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.

Filter Formation Retention — Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

Filters — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.

Fiori, M. — Optimal Emulsion Design for the Recovery of a Saskatchewan Crude, by M. Fiori and S.M. Farouq Ali, Vol. 30, No. 2, P123-132, Mar.-Apr. 91.

Fireflood — Perspective of a Fireflood Process Using Low Air Injection Rates, by P.W. Tsang, Vol. 30, No. 1, P32-43, Jan.-Feb. 91.

Firoozabadi, A. — Relative Permeabilities from Centrifuge Data, by A. Firoozabadi and K. Aziz, Vol. 30, No. 5, P33-42, Sept.-Oct. 91.

Flashing Processes — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.

Flow Correlations — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.

Flow Experiments — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.

Flow Regimes — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.

Foam Flood — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.

Fong, D.K. — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Formation Damage — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.

Fractured Reservoirs — An Approximate Solution of Linear Flow in Naturally Fractured Reservoirs, by R. Aguilera, Vol. 30, No. 3, P86-90, May-June 91.

Fraser, I.M. — Contingency Plans for Beaufort Sea Drilling in the 1990s, by R.L. Geddes, I.M. Fraser and Z.L. Berezuk, Vol. 30, No. 2, P161-164, Mar.-Apr. 91.

Fung, L.S.-K. — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, May-June

G

Galas, C.M.F. — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.

Gas Gathering — A General Gas Reservoir and Gathering System Simulator, by P.J. Puchyr, Vol. 30, No. 3, P53-60, May-June 91.

Gas Hydrates — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.

Gas Reservoirs — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Gas-flood — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.

— Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42, July-Aug. 91.

Gas-miscible Floods — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-l43, Mar.-Apr. 91.

Gas/Liquid Flow — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.

Geddes, R.L. — Contingency Plans for Beaufort Sea Drilling in the 1990s, by R.L. Geddes, I.M. Fraser and Z.L. Berezuk, Vol. 30, No. 2, P161-164, Mar.-Apr. 91.

Geomechanical Simulation — Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.

Geopressured Gas Reservoirs — A Type-Curve Matching Procedure for Material Balance Analysis of Production Data from Geopressured Gas Reservoirs, by A.K. Ambastha, Vol. 30, No. 5, P61-65, Sept.-Oct. 91.

Ghassan, H. Abdul-Majeed — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.

Gnyp, A.W. — The Measurement of Trace Element Concentrations in Sour Gas Plant Process Streams, by C.C. St. Pierre, A.W. Gnyp, D.S. Smith, S. Viswanathan and H.F. Thimm, Vol. 30, No. 4, P58-61, July-Aug. 91.

Golden Spike D3 'A' Pool — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42, July-Aug. 91.

Gravity Drainage — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No.1, P97-106, Jan.-Feb. 91.

— An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No.3, P61-68, May-June 91.

Green, K — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.

H

Harker, B. — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.

— Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42,July-Aug. 91.

Harris, P. — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.

Hasan, A.R. — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.

Heat Loss — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.

Heavy Oil — Perspective of a Fireflood Process Using Low Air Injection Rates, by P.W. Tsang, Vol. 30, No. 1, P32-43, Jan.-Feb. 91.

— A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water

and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.
— Optimal Emulsion Design for the Recovery of a Saskatchewan Crude, by M. Fiori and S.M. Farouq Ali, Vol. 30, No. 2, P123-132, Mar.-Apr. 91.
— Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.
— Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Henry's Law Constant — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.

High pH Dissolution — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.

Hiltz, G.P. — Computer-assisted Operations—A Practical Approach to Networking Field Computers, by G.P. Hiltz, Vol. 30, No. 6, P24-28, Nov.-Dec. 91.

Hirsche, W.K. — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.

History Matching — Relative Permeabilities from Centrifuge Data, by A. Firoozabadi and K. Aziz, Vol. 30, No. 5, P33-42, Sept.-Oct. 91.

Horizontal Fluid Levels — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Horizontal Wells — Decline Curves for Predicting Production Performance from Horizontal Wells, by D.C. Poon, Vol. 30, No. 1, P77-81, Jan.-Feb. 91.
— Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57,July-Aug. 91.
— Completion and Evaluation of Cased Horizontal Wells, S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.

Huang, Z. — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.

Hydrate Inhibition — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.

I

Immiscible Displacement — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.

In Situ Combustion — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.

In Situ Stress — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
— New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Incoming Water Cut — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

Infill Drilling — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.

Inflow Performance — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

Interwell Channels — Fluid and Heat Movements During In Situ Combustion in a Channelled Reservoir, by C.M.F. Galas, G.C. Ejiogu and J.K. Donnelly, Vol. 30, No. 3, P42-48, May-June 91.

Interwell Tracer Test — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42, July-Aug. 91.
— Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.

Isaacs, E. — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.

Isenthalpic Flash Calculation — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June 91.

Isothermal Flash Calculation — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June . 91.

J

Janz, H.J. — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Jensen, R.E. — Completion and Evaluation of Cased Horizontal Wells, S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.

Judy Creek — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

K

Kabir, C.S. — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.

Kanik, L.A. — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Kinetics — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.

King, R.W. — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.
— Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

Korpany, G. — Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

Kosar, K.M. — A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.

L

Labrid, J. — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.

Lai, F.S.Y. — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

Laird, A. — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

Lam, V. — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.

Leakoff Coefficient — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.

Li, Y.-K. — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June . 91.

Limestone Fields — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Hanz, Vol. 30, No. 6, P75-84, Nov.-Dec. 91.

Linear Flow — An Approximate Solution of Linear Flow in Naturally Fractured Reservoirs, by R. Aguilera, Vol. 30, No. 3, P86-90, May-June 91.

Live Well Servicing — Equipment and Procedures Shortcut Results in

Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.
Lloydminster — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.
Low-permeability Reservoirs — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

M

Macro-emulsion — Optimal Emulsion Design for the Recovery of a Saskatchewan Crude, by M. Fiori and S.M. Farouq Ali, Vol. 30, No. 2, P123-132, Mar.-Apr. 91.
Maha, R. Abdul-Ameer — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.
Martin, I. — The Medicine Hat Gas Field—100 Years after Discovery, by I. Martin and G.C. Yeung, Vol. 30, No. 5, P66-73, Sept.-Oct. 91.
Marx, C. — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.
Material Balance Analysis — A Type-Curve Matching Procedure for Material Balance Analysis of Production Data from Geopressured Gas Reservoirs, by A.K. Ambastha, Vol. 30, No. 5, P61-65, Sept.-Oct. 91.
Matrix — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, P61-68, May-June 91.
Matsuoka-Nakai Yield Surface — A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.
McLellan, P.J. — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.
Medicine Hat Gas Field — The Medicine Hat Gas Field—100 Years after Discovery, by I. Martin and G.C. Yeung, Vol. 30, No. 5, P66-73, Sept.-Oct. 91.
Meshrite/Metallic Filter — Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.
Metallic Wool — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.
Methanol — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.
Milligan, M.R. — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Minifracs — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov.-Dec. 91.
Miscible Displacement — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.
— An Approximate Solution of Linear Flow in Naturally Fractured Reservoirs, by R. Aguilera, Vol. 30, No. 3, P86-90, May-June 91.
— Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.
Mobility Reduction — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.
Mobilization — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.
Modelling — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.
Mokrys, I.J. — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.
Moore, R.G. — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.
Mottram, R.J. — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.

N

Nagel, R.G. — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.
Naini, A. — Natural Gas Liquids Supply and Demand Balances in Alberta, by A. Naini, Vol. 30, No. 5, P79-82, Sept.-Oct. 91.
Natural Fractures — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.
Natural Gas Liquids — Natural Gas Liquids Supply and Demand Balances in Alberta, by A. Naini, Vol. 30, No. 5, P79-82, Sept.-Oct. 91.
— Natural Gas Liquids: Canadian Supply and Demand Prospects in the 1990s, by S. Singh and S. Wong, Vol. 30, No. 5, P83-88, Sept.-Oct. 91.
Networking — Computer-assisted Operations—A Practical Approach to Networking Field Computers, by G.P. Hiltz, Vol. 30, No. 6, P24-28, Nov.-Dec. 91.
Neutron Densitometer — Measurement of Steam Quality Using a Neutron Densitometer, by P.T. Wan, Vol. 30, No. 6, P29-33, Nov.-Dec. 91.
Nghiem, L.X. — Multiphase Multicomponent Isenthalpic Flash Calculations, by R.K. Agarwal, Y-K. Li, L.X Nghiem and D.A. Coombe, Vol. 30, No. 3, P69-75, May-June 91.
Nguyen, D. — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.
Norman Wells — Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.

O

Oil Density — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.
— Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.
Oil Recovery — Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57, July-Aug. 91.
Oil Sands — Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.
— Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.
— A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.
Okazawa, T. — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.
Operating Strategies — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Oswald, T. — Reduced Adsorption and Separation of Blended Surfactants on Sand and Clay, by Bob Dawe and Tom Oswald, Vol. 30, No. 2, P133-137, Mar.-Apr. 91.
Oxygen Combustion — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.

P

PVT Properties — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.
— Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.

Palygorskite — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.
Peach, S.C. — Completion and Evaluation of Cased Horizontal Wells, by S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.
Peggs, J.K. — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.
Pembina Nisku — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.
Peng-Robinson Equation-of-State — Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.
Performance Monitoring — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.
Personal Computers — Computer-assisted Operations—A Practical Approach to Networking Field Computers, by G.P. Hiltz, Vol. 30, No. 6, P24-28, Nov.-Dec. 91.
Petrophysical Analysis — Completion and Evaluation of Cased Horizontal Wells, by S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.
Phase Equilibrium — Prediction of Natural Gas Hydrate Formation Conditions in the Presence of Methanol Using the Trebble-Bishnoi Equation of State, by P. Englezos, Z. Huang and P.R. Bishnoi, Vol. 30, No. 2, P148-155, Mar.-Apr. 91.
Polymers — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.
Poon, D.C. — Decline Curves for Predicting Production Performance from Horizontal Wells, by D.C. Poon, Vol. 30, No. 1, P77-81, Jan.-Feb. 91.
Production Costs — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
Production Data — Decline Curves for Predicting Production Performance from Horizontal Wells, by D.C. Poon, Vol. 30, No. 1, P77-81, Jan.-Feb. 91.
— Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.
Production Logging — Completion and Evaluation of Cased Horizontal Wells, by S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.
Pseudo-miscible Models — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.
Puchyr, P.J. — A General Gas Reservoir and Gathering System Simulator, by P.J. Puchyr, Vol. 30, No. 3, P53-60, May-June 91.
Pumping Systems — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.

Q

Qiu, S. — Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57, July-Aug. 91.
Quartz and Kaolinite Reactivities — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.
Quon, D. — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.

R

Rabeeh, S — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P.Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.
Rahman, S.S. — Laboratory Evaluation of Formation Damage Caused by Drilling Fluids and Cement Slurry, by S.S. Rahman and C. Marx, Vol. 30, No. 6, P40-46, Nov.-Dec. 91.
Rainbow Keg River 'B' Pool — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.
Regression Analysis — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.
Regular Solution Theory — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.
Reid, J. — Equipment and Procedures Shortcut Results in Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.
Reinfiltration — An Evaluation of the Improved Dual Porosity Model for the Simulation of Gravity Effects in Naturally Fractured Reservoirs, by L.S.-K. Fung and D.A. Collins, Vol. 30, No. 3, P61-68, May-June 91.
Relative Permeability — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.
— Relative Permeabilities from Centrifuge Data, by A. Firoozabadi and K. Aziz, Vol. 30, No. 5, P33-42, Sept.-Oct. 91.
Reservoir Engineering — An Approximate Solution of Linear Flow in Naturally Fractured Reservoirs, by R. Aguilera, Vol. 30, No. 3, P86-90, May-June 91.
Reservoir Fluid Properties — Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.
Reservoir Model — Perspective of a Fireflood Process Using Low Air Injection Rates, by P.W. Tsang, Vol. 30, No. 1, P32-43, Jan.-Feb. 91.
Reservoir Simulation — A General Gas Reservoir and Gathering System Simulator, by P.J. Puchyr, Vol. 30, No. 3, P53-60, May-June 91.
Reservoir Simulation Input — Stochastic Modelling of Space Dependent Reservoir-rock Properties, by R. Dimitrakopoulos, Vol. 30, No. 4, P43-51, July-Aug. 91.
Reservoir-rock Properties — Stochastic Modelling of Space Dependent Reservoir-rock Properties, by R. Dimitrakopoulos, Vol. 30, No. 4, P43-51, July-Aug. 91.
Residual Oil Saturation — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.
— Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42, July-Aug. 91.
Retarded Hydrochloric Acids — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Rheology — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.
Robertshaw, S.E. — Completion and Evaluation of Cased Horizontal Wells, by S.C. Peach, R.E. Jensen and S.E. Robertshaw, Vol. 30, No. 5, P26-32, Sept.-Oct. 91.
Rock Mechanics — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.
Roodhart, L, P. — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

S

Sandstone Reservoirs — Modelling of High pH Sandstone Dissolution, by J. Labrid, Vol. 30, No. 6, P67-74, Nov.-Dec. 91.
Sedgwick, G. — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.
Seismic Velocities — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.
Singh, S. — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
— Natural Gas Liquids: Canadian Supply and Demand Prospects in the 1990s, by S. Singh and S. Wong, Vol. 30, No. 5, P83-88, Sept.-Oct. 91.
Sinker Bars — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.
Smith, D.S. — The Measurement of Trace Element Concentrations in Sour Gas Plant Process Streams, by C.C. St. Pierre, A.W. Gnyp, D.S.

Smith, S. Viswanathan and H.F. Thimm, Vol. 30, No. 4, P58-61, July-Aug. 91.

Snubbing — Equipment and Procedures Shortcut Results in Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.

Soil Mechanics — A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.

Solids Control — Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

Solvent Bank Design — Solvent Bank Design Using Coning and Dispersion Curves, by F. Bennett, Jr., Vol. 30, No. 6, P61-66, Nov.-Dec. 91.

Solvent-in-place Cutoff — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Sondergard, C.I. — Norman Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.

Sour Gas — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

St. Pierre, C.C. — The Measurement of Trace Element Concentrations in Sour Gas Plant Process Streams, by C.C. St. Pierre, A.W. Gnyp, D.S. Smith, S. Viswanathan and H.F. Thimm, Vol. 30, No. 4, P58-61, July-Aug. 91.

Steam Generation — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Steam-Injection Projects — Measurement of Steam Quality Using a Neutron Densitometer, by P.T. Wan, Vol. 30, No. 6, P29-33, Nov.-Dec. 91.

Sucker Rods — Sucker Rod Wear in Directionally Drilled Steamflood Wells, by R.J. Mottram, Vol. 30, No. 2, P156-160, Mar.-Apr. 91.

Suffield Gas Field — A General Gas Reservoir and Gathering System Simulator, by P.J.Puchyr, Vol. 30, No. 3, P53-60, May-June 91.

Suggett, J.C. — Bitumen Burning in Oilfield Steam Generators, by J.C. Suggett and L.A. Kanik, Vol. 30, No. 6, P34-39, Nov.-Dec. 91.

Surfactants — Laboratory Study of the Use of Foam in Cyclic Steam Injection, by K. Green, E. Isaacs and K.N. Chhom, Vol. 30, No. 3, P28-35, May-June 91.

Sweep Efficiency — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

Swept Volume — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

Symonds, R.W.P. — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.

Synergy — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

T

Tang, J.S. — Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part I: Theory and Design, by J.S. Tang and B. Harker, Vol. 30, No. 3, P76-85, May-June 91.

— Interwell Tracer Test to Determine Residual Oil Saturation in a Gas-saturated Reservoir. Part II: Field Applications, by J.S. Tang and B. Harker, Vol. 30, No. 4, P34-42, July-Aug. 91.

Tertiary Process — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Texaco Filter Elements — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.

Thermal Recovery — Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.

Thermal Reservoir Simulation — Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.

Thermal Stability — Thermal Stability of Drilling Fluids Prepared from Saudi Palygorskite, by A.S. Dahab, Vol. 30, No. 3, P49-52, May-June 91.

Thimm, H.F. — The Measurement of Trace Element Concentrations in Sour Gas Plant Process Streams, by C.C. St. Pierre, A.W. Gnyp, D.S. Smith, S. Viswanathan and H.F. Thimm, Vol. 30, No. 4, P58-61, July-Aug. 91.

Thomas, S. — A Laboratory Study of Caustic Flooding for Two Alberta Crude Oils, by R.W.P. Symonds, S.M. Farouq Ali and S. Thomas, Vol. 30, No. 1, P44-49, Jan.-Feb. 91.

Toma, P. — Solid Particle Impact Erosion Testing of Texaco Filter Elements and Selected Well Completion Materials, by P. Harris, P. Toma, S. Rabeeh and R.W. King, Vol. 30, No. 4, P62-68, July-Aug. 91.

— Investigations and Field Observations on the Occurrence of Flashing Phenomena During Sucker-rod Pumping of Hot Fluids from Thermal Processes, by R. Coates, P. Toma, V. Lam and D. Nguyen, Vol. 30, No. 4, P69-77, July-Aug. 91.

— Experimental Investigations and Field Observations on Mechanisms of Solids Filtration Using the Meshrite Metallic Wool Filter, by P. Toma, G. Korpany and R.W. King, Vol. 30, No. 4, P78-88, July-Aug. 91.

— Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.

Tortike, W.S. — Prediction of Oil Sand Failure Due to Steam-induced Stresses, by W.S. Tortike and S.M. Farouq Ali, Vol. 30, No. 1, P87-96, Jan.-Feb. 91.

Tracer — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

Tsang, P.W. — Perspective of a Fireflood Process Using Low Air Injection Rates, by P.W. Tsang, Vol. 30, No. 1, P32-43, Jan.-Feb. 91.

Two-phase Flow — Correlations Developed to Predict Two-phase Flow Through Wellhead Chokes, by H. Abdul-Majeed Ghassan and R. Abdul-Ameer Maha, Vol. 30, No. 6, P47-55, Nov.-Dec. 91.

Tzanco, E.T. — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.

U

Ursenbach, M.G. — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.

V

van Hoof, G. — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

Vapourized Propane — A New Process (VAPEX) for Recovering Heavy Oils Using Hot Water and Hydrocarbon Vapour, by R.M. Butler and I.J. Mokrys, Vol. 30, No. 1, P97-106, Jan.-Feb. 91.

Verification Surveys — A New Method to Improve the Accuracy of Acoustic Pressure Calculations, by A. Laird and R. Dupuis, Vol. 30, No. 1, P58-64, Jan.-Feb. 91.

Vertical Hydrocarbon Miscible Flood — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.

Vertical Wells — Sweep Efficiency Comparisons of Horizontal and Vertical Wells, by E.L. Claridge and S. Qiu, Vol. 30, No. 4, P52-57, July-Aug. 91.

Viscosity — Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.

Viscous Fingering — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.

Viswanathan, S. — The Measurement of Trace Element Concentrations in Sour Gas Plant Process Streams, by C.C. St. Pierre, A.W. Gnyp, D.S. Smith, S. Viswanathan and H.F. Thimm, Vol. 30, No. 4, P58-61, July-Aug. 91.

Vittoratos, E. — Flow Regimes During Cyclic Steam Stimulation at Cold Lake, by E. Vittoratos, Vol. 30, No. 1, P82-86, Jan.-Feb. 91.
Volumetric Balance — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.

W

WAG Flood — Volumetric Balance Method to Monitor Field Performance of Gas-miscible Floods, by T. Okazawa and F.S.Y. Lai, Vol. 30, No. 2, P138-143, Mar.-Apr. 91.
WISPER — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Wabamun Formation — New Insights into Fracturing Pressure Interpretation: Case Study of Minifracture Tests in a Naturally Fractured Gas Reservoir, by P.J. McLellan and H.J. Janz, Vol. 30, No. 6, P75-84, Nov-Dec. 91.
Wan, P.T. — Measurement of Steam Quality Using a Neutron Densitometer, by P.T. Wan, Vol. 30, No. 6, P29-33, Nov.-Dec. 91.
Wan, R.G. — A Constitutive Model for the Effective Stress-strain Behaviour of Oil Sands, by R.G. Wan, D.H. Chan and K.M. Kosar, Vol. 30, No. 4, P89-98, July-Aug. 91.
Wang, Z. — Seismic Velocities in Carbonate Rocks, by Z. Wang, W.K. Hirsche and G. Sedgwick, Vol. 30, No. 2, P112-122, Mar.-Apr. 91.
Warren, A. — Well Testing in Alberta—1990s Style, by A. Warren, Vol. 30, No. 5, P74-78, Sept.-Oct. 91.
Well Control — Equipment and Procedures Shortcut Results in Uncontrolled Flow—a Case Review, by J. Reid and N.G. Berndtsson, Vol. 30, No. 2, P144-147, Mar.-Apr. 91.
Well Testing — Well Testing in Alberta—1990s Style, by A. Warren, Vol. 30, No. 5, P74-78, Sept.-Oct. 91.
Wellbore Two-phase Flow — Two-phase Gas/Liquid Flow Rate Estimation During Closed-chamber Testing, by C.S. Kabir, R.A. Badry and A.R. Hasan, Vol. 30, No. 2, P102-111, Mar.-Apr. 91.
Western Canada Foothills — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Wet Combustion — Laboratory Combustion Behaviour of Countess B Light Oil, by E.T. Tzanco, R.G. Moore, J.D.M. Belgrave and M.G. Ursenbach, Vol. 30, No. 5, P43-51, Sept.-Oct. 91.
Widely Spaced Etched Ridges (WISPER) — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Wilson, R.C. — Depth-related Oil Viscosity Variation in Canadian Heavy Oil Reservoirs, by B.P. Erno, J.R. Chriest and R.C. Wilson, Vol. 30, No. 3, P36-41, May-June 91.
Wong, C.T. — Successful Acid Stimulation of Deep Dolomitic Gas Reservoirs in the Canadian Foothills, by M.R. Milligan, L.P. Roodhart, G. van Hoof and C.T. Wong, Vol. 30, No. 1, P50-57, Jan.-Feb. 91.
Wong, F.Y. — Combining a Volumetric Model with a Pseudo-miscible Field Simulation to Achieve Uniform Fluid Levelling in the Rainbow Keg River 'B' Pool, by D.K. Fong, F.Y. Wong, R.G. Nagel and J.K. Peggs, Vol. 30, No. 1, P65-76, Jan.-Feb. 91.
Wong, S. — Cost Analysis of Current In Situ Bitumen Production—Optimum Production Strategies and Priority R&D Needs, by S. Wong, P. Toma, S. Singh, M.P. duPlessis and D. Quon, Vol. 30, No. 5, P52-60, Sept.-Oct. 91.
— Natural Gas Liquids: Canadian Supply and Demand Prospects in the 1990s, by S. Singh and S. Wong, Vol. 30, No. 5, P83-88, Sept.-Oct. 91.
Wu, R.S. — Normal Wells PVT Properties After Reservoir Repressurization, by C.I. Sondergard and R.S. Wu, Vol. 30, No. 6, P56-60, Nov.-Dec. 91.

Y

Yeung, G.C. — The Medicine Hat Gas Field—100 Years after Discovery, by I. Martin and G.C. Yeung, Vol. 30, No. 5, P66-73, Sept.-Oct. 91.